

Technical Data Product Information

**CS 2160**  
**Clear Epoxy Coating**

**Description**

CS 2160 is a clear two-component liquid composed of 100% thermo-setting epoxy resins. CS 2160 cures into a very hard solid while retaining a sufficient amount of resilience to withstand impact and vibrations without becoming brittle. CS 2160 is the most advanced formulation of its kind.

**Colors**

Available in clear.

**Limitations**

- Where floor temperatures are below 65°F or above 80°F during application contact CornerStone's Technical Department.
- For on-grade installations that do not have a vapor barrier under the slab or in areas where high water table or hydrostatic pressure conditions are present.
- Areas subject to strong chemicals.
- On a structurally unsound substrate or impossible to clean substrates.
- Areas exposed to extreme UV light.

ADVANTAGES	APPLICATIONS
♦ Excellent Clarity & Versatile Usage	♦ Food Processing Facilities
♦ Chemical Resistant	♦ Pharmaceutical & Biotech Facilities
♦ Low Odor	♦ Animal Facilities & Vivariums
♦ Skid Resistance with Aggregate	♦ Aircraft Hangers & Warehouses

**Installation Procedures**

CS 2160 APPLICATION

1. Apply topcoat over specified CornerStone flooring system.
2. Mixing of CS 2160 is best accomplished with a jiffy blade and electric drill.
3. Apply one coat of CS 2160 with a squeegee at rate of approximately 150 s.f. per gallon. Use the first coat as a primer. Immediately back roll with 1/4" nap roller.

APPLICATION	COMPONENTS	MIX RATIO
Topcoat	2160A/2160B	Per Label

**Chemical Resistance**

Refer to the Chemical Resistance Guide for specific chemical resistance information or contact CornerStone's Technical Department.

**Cure Schedule**

At an ambient temperature above 70°F, CS 2160 can support foot traffic within 12 hours, full usage after 24 hours.

**Maintenance**

Regular cleaning and maintenance will prolong the life of all polymer flooring coatings and enhance their appearance.

**Safety**

Avoid personal exposure. Refer to MSDS for additional safety information.

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**Test Data**

PROPERTIES	TYPICAL RESULTS	TEST METHOD
Adhesive Strength	300 psi (concrete failure)	ASTM C-882
Impact Resistance	0.009 no chipping or delamination	MIL D-3134
Fire Resistance	Fire Retardant	MIL D-3134
Abrasion Resistance	70 mg loss; CS-17 Wheel, 1,000 cycles	ASTM D-4060
Slip Resistance	0.6-1.29	MIL D-3134
Water Absorption	nil	MIL D-3134
Oil Absorption	nil	MIL D-3134
Service Temperature	180 °F	
Hardness	86	ASTM D-2240 Shore D